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APPLICANT : UNITICA FIBERS LTD;

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TITLE : REGENERATED POLYESTER-BASED THERMOADHESIVE CONJUGATE FIBER

ABSTRACT : PROBLEM TO BE SOLVED: To provide the subject conjugate fiber producible by high-speed spinning after recovering and remelting polyester molded products, and suitable as a raw material for nonwoven fabrics or cushioning materials used in furniture, beds and the like.

SOLUTION: This thermoadhesive conjugate fiber is composed of a core component consisting of a reclaimed polyester-based polyester and a sheath component consisting of a 2nd polyester $\geq 40^{\circ}\text{C}$ lower in melting point than the core component in the weight ratio:core/sheath of (2:8) to (8:2).

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